

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 08/239,978 995 Docket: ATI-77

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Art Unit: 3106

Inventor: David S. BREED

Examiner: K. Tyson

Title: "VEHICLE INTERIOR IDENTIFICATION AND MONITORING SYSTEM"

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

AMENDMENT

IN THE CLAIMS:

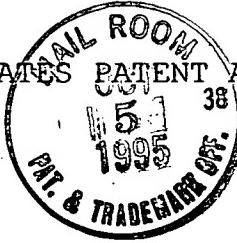
2 (amended). The invention in accordance with claim [1]¹⁹
wherein said [object is] identified contents comprises a rear
facing child seat.

8 (amended). The invention in accordance with claim [1] 19
wherein said [illumination]s

19 (twice amended). In a motor vehicle having an interior passenger compartment having a front seat, said compartment having contents comprising [objects and] at least one occupant, said contents optionally also comprising at least one object, said objects being of certain classes of objects,

an interior monitoring system comprising:

a) Pattern recognition means to identify the presence of and to identify at least one of said contents, said means comprising: (i) means to illuminate said contents of said compartment, and (ii) a trained pattern recognition means, said trained pattern recognition means having been trained on data of different occupants and optionally on data of said classes of said at least one object;



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